

# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

<b>Title of Invention</b>	METHOD OF IMPROVING A RESOLUTION OF CONTACT HOLE PATTERNS BY UTILIZING ALTERNATE PHASE SHIFT PRINCIPLE																																																																																																																																				
<p>Submission Type : Utility Patent Filing</p> <p>Application Number: 10/605377 </p> <p>EFS ID: 48326</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;">Confirmation Code</th> <th style="width: 70%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>2376</td> </tr> </tbody> </table> <p>First Named Applicant: Jun-Cheng Lai</p> <p>Attorney Docket Number: LKSP0022USA</p> <p>Timestamp: 2003-09-25 23:04:29 EDT</p> <p>From: US</p> <p>File Listing:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;">Doc. Name</th> <th style="width: 40%;">File Name</th> <th style="width: 15%;">Size (Bytes)</th> <th style="width: 15%;">Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-assignment</td><td>LKSP0022-usassn.xml</td><td>1492</td><td>2003-09-25</td></tr> <tr><td>us-assignment</td><td>us-assignment.xsl</td><td>8983</td><td>2003-09-25</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-09-25</td></tr> <tr><td>us-assignment</td><td>LKSP0022ASS1.tif</td><td>51834</td><td>2003-09-25</td></tr> <tr><td>us-request</td><td>LKSP0022-usreq.xml</td><td>1383</td><td>2003-09-25</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-09-25</td></tr> <tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2003-09-25</td></tr> <tr><td>us-fee-sheet</td><td>LKSP0022-usfees.xml</td><td>2038</td><td>2003-09-25</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2003-09-25</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>10901</td><td>2003-09-25</td></tr> <tr><td>us-declaration</td><td>LKSP0022-usdecl.xml</td><td>674</td><td>2003-09-25</td></tr> <tr><td>us-declaration</td><td>us-declaration.dtd</td><td>3833</td><td>2003-09-25</td></tr> <tr><td>us-declaration</td><td>us-declaration.xsl</td><td>10015</td><td>2003-09-25</td></tr> <tr><td>us-power-of-attorney-grant</td><td>LKSP0022-uspoat.xml</td><td>1010</td><td>2003-09-25</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.dtd</td><td>4923</td><td>2003-09-25</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.xsl</td><td>12448</td><td>2003-09-25</td></tr> <tr><td>us-declaration</td><td>LKSP0022DEC1.tif</td><td>39466</td><td>2003-09-25</td></tr> <tr><td>us-declaration</td><td>LKSP0022DEC2.tif</td><td>17390</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>LKSP0022-trans.xml</td><td>32075</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-09-25</td></tr> </tbody> </table>				Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	2376	Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-assignment	LKSP0022-usassn.xml	1492	2003-09-25	us-assignment	us-assignment.xsl	8983	2003-09-25	us-assignment	us-assignment.dtd	10898	2003-09-25	us-assignment	LKSP0022ASS1.tif	51834	2003-09-25	us-request	LKSP0022-usreq.xml	1383	2003-09-25	us-request	us-request.dtd	19064	2003-09-25	us-request	us-request.xsl	33300	2003-09-25	us-fee-sheet	LKSP0022-usfees.xml	2038	2003-09-25	us-fee-sheet	us-fee-sheet.xsl	24912	2003-09-25	us-fee-sheet	us-fee-sheet.dtd	10901	2003-09-25	us-declaration	LKSP0022-usdecl.xml	674	2003-09-25	us-declaration	us-declaration.dtd	3833	2003-09-25	us-declaration	us-declaration.xsl	10015	2003-09-25	us-power-of-attorney-grant	LKSP0022-uspoat.xml	1010	2003-09-25	us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-09-25	us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2003-09-25	us-declaration	LKSP0022DEC1.tif	39466	2003-09-25	us-declaration	LKSP0022DEC2.tif	17390	2003-09-25	application-body	LKSP0022-trans.xml	32075	2003-09-25	application-body	us-application-body.xsl	83497	2003-09-25	application-body	application-body.dtd	49498	2003-09-25	application-body	wipo.ent	4956	2003-09-25	application-body	mathml2.dtd	54588	2003-09-25	application-body	mathml2-qname-1.mod	13225	2003-09-25	application-body	isoamsa.ent	5191	2003-09-25	application-body	isoamsb.ent	3988	2003-09-25	application-body	isoamsc.ent	1460	2003-09-25	application-body	isoamsn.ent	5620	2003-09-25	application-body	isoamso.ent	1934	2003-09-25	application-body	isoamsr.ent	7073	2003-09-25
Confirmation Code	Message																																																																																																																																				
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																																				
ICON1	2376																																																																																																																																				
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																																		
us-assignment	LKSP0022-usassn.xml	1492	2003-09-25																																																																																																																																		
us-assignment	us-assignment.xsl	8983	2003-09-25																																																																																																																																		
us-assignment	us-assignment.dtd	10898	2003-09-25																																																																																																																																		
us-assignment	LKSP0022ASS1.tif	51834	2003-09-25																																																																																																																																		
us-request	LKSP0022-usreq.xml	1383	2003-09-25																																																																																																																																		
us-request	us-request.dtd	19064	2003-09-25																																																																																																																																		
us-request	us-request.xsl	33300	2003-09-25																																																																																																																																		
us-fee-sheet	LKSP0022-usfees.xml	2038	2003-09-25																																																																																																																																		
us-fee-sheet	us-fee-sheet.xsl	24912	2003-09-25																																																																																																																																		
us-fee-sheet	us-fee-sheet.dtd	10901	2003-09-25																																																																																																																																		
us-declaration	LKSP0022-usdecl.xml	674	2003-09-25																																																																																																																																		
us-declaration	us-declaration.dtd	3833	2003-09-25																																																																																																																																		
us-declaration	us-declaration.xsl	10015	2003-09-25																																																																																																																																		
us-power-of-attorney-grant	LKSP0022-uspoat.xml	1010	2003-09-25																																																																																																																																		
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-09-25																																																																																																																																		
us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2003-09-25																																																																																																																																		
us-declaration	LKSP0022DEC1.tif	39466	2003-09-25																																																																																																																																		
us-declaration	LKSP0022DEC2.tif	17390	2003-09-25																																																																																																																																		
application-body	LKSP0022-trans.xml	32075	2003-09-25																																																																																																																																		
application-body	us-application-body.xsl	83497	2003-09-25																																																																																																																																		
application-body	application-body.dtd	49498	2003-09-25																																																																																																																																		
application-body	wipo.ent	4956	2003-09-25																																																																																																																																		
application-body	mathml2.dtd	54588	2003-09-25																																																																																																																																		
application-body	mathml2-qname-1.mod	13225	2003-09-25																																																																																																																																		
application-body	isoamsa.ent	5191	2003-09-25																																																																																																																																		
application-body	isoamsb.ent	3988	2003-09-25																																																																																																																																		
application-body	isoamsc.ent	1460	2003-09-25																																																																																																																																		
application-body	isoamsn.ent	5620	2003-09-25																																																																																																																																		
application-body	isoamso.ent	1934	2003-09-25																																																																																																																																		
application-body	isoamsr.ent	7073	2003-09-25																																																																																																																																		

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isogrk3.ent	3559	2003-09-25
application-body	isomfrk.ent	4553	2003-09-25
application-body	isomopf.ent	2571	2003-09-25
application-body	isomscr.ent	4628	2003-09-25
application-body	isotech.ent	5268	2003-09-25
application-body	isobox.ent	3568	2003-09-25
application-body	isocyr1.ent	5345	2003-09-25
application-body	isocyr2.ent	2504	2003-09-25
application-body	isodia.ent	1508	2003-09-25
application-body	isolat1.ent	5282	2003-09-25
application-body	isolat2.ent	9007	2003-09-25
application-body	isonum.ent	5913	2003-09-25
application-body	isopub.ent	6621	2003-09-25
application-body	mmlextra.ent	7901	2003-09-25
application-body	mmlalias.ent	38209	2003-09-25
application-body	soextblk.dtd	12870	2003-09-25
application-body	lksp0022usa-01.tif	4950	2003-09-25
application-body	lksp0022usa-02.tif	5618	2003-09-25
application-body	lksp0022usa-03.tif	5586	2003-09-25
application-body	lksp0022usa-04.tif	7936	2003-09-25
application-body	lksp0022usa-05.tif	8742	2003-09-25
package-data	LKSP0022-pkda.xml	9290	2003-09-25
package-data	package-data.dtd	27025	2003-09-25
package-data	us-package-data.xsl	19263	2003-09-25
Total files size			725386

Message Digest:

5fd79cb296aa818436631c23163f31b3fcd7cf3

Digital Certificate Holder  
Name:

cn=Winston Hsu,ou=Registered  
Attorneys,ou=Patent and  
Trademark  
Office,ou=Department of  
Commerce,o=U.S.  
Government,c=US